

List of All Chemicals

P Parthenocissus quinquefolia (Vitaceae)

Common name(s)

Five-leaf-ivy; Amerika-zuta (Jap.); Virginia-creeper; American-ivy; Woodbine

How used

Medicinal

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Plant Part	Low PPM	High PPM	StdDev	*Reference
ANTHOCYANIDIN	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
ANTHOCYANIN	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Activities (3)					
Antiviral					
Hemostat <small>Spring, M.A. 1988. Ethnopharmacologic Analysis of Medicinal Plants Used by Laotian Hmong Refugees in Minnesota. Journal of Ethnopharmacology, 26: 65-91, 1989.</small>					
Pesticide					
CALCIUM-GLYCOLATE	Fruit	--	--		*
CALCIUM-TARTRATE	Fruit	--	--		*
CISSOTANNIC-ACID	Leaf	--	--		*
GLYCOLIC-ACID	Fruit	--	--		*
Activities (4)					
Cholesterolytic					
Diuretic <small>Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.</small>					
Hepatotonic <small>Fitoterapia No.5-1986.</small>					
Irritant <small>Merck 11th Edition</small>					
LEUCOANTHOCYANIDIN	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
MUCILAGE	Plant	--	--		*
Activities (3)					
Cancer-Preventive <small>Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.</small>					
Demulcent					
Hypocholesterolemic					
OXALIC-ACID	Fruit	--	20000.0	0.8	*
Activities (9)					
Acaricide					
Antiseptic					
CNS-Paralytic <small>Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.</small>					
Fatal <small>Martindale's 29th</small>					
Hemostatic <small>Merck 11th Edition</small>					
Irritant					
Pesticide					
Renotoxic <small>Merck 11th Edition</small>					
Varroacide					
POTASSIUM-TARTRATE	Fruit	--	--		*
PYROCATECHIN	Leaf	--	--		*
SODIUM-TARTRATE	Fruit	--	--		*

Activities (41)

Aldose-Reductase-Inhibitor IC50=1.8 ug/ml	Sawada, H., Hamatake, M., Hara, A., Nakagawa, M., Nakayama, T. 1989. Inhibition of Human Placenta Aldose Reductase by Tannic Acid. Chem Pharm Bull, 37(6): 1662-1664.
Allergenic	
AntiHIV IC90=200 ug/ml	Tan, G.T., Pezzuto, J.M., Kinghorn,* A.D., Hughes, S.H. Evaluation Of Natural Products As Inhibitors Of Human Immunodeficiency Virus Type 1 (HIV-1) Reverse Transcriptase. Journal of Natural Products, 54(1): 143-154, 1991.
Antianacarditic (Rhus)	
Antibacterial	
Anticariogenic	
Anticolitic	
Antidecubitic	
Antidermatotic	
Antidiarrheic	
Antidote For Heavy Metals	Merck 11th Edition
Antidysenteric	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
Antiencephalitic	Vlietinck, A.J. and Dommissie, R.A. eds. 1985. Advances in Medicinal Plant Research. Wiss. Verlag. Stuttgart.
Antienteric	Vlietinck, A.J. and Dommissie, R.A. eds. 1985. Advances in Medicinal Plant Research. Wiss. Verlag. Stuttgart.
Antifeedant 2-4% diet	
Antigargantitic	
Antigingivitic	
Antihemorrhoidal	Martindale's 29th
Antiherpetic	
Antimutagenic	Economic & Medicinal Plant Research, 6: 235.
Antinitrosaminic	
Antiobesity (Antinutrient)	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
Antiophidic	
Antioxidant IC56=30 ppm	
Antipharyngitic	
Antipolio	Vlietinck, A.J. and Dommissie, R.A. eds. 1985. Advances in Medicinal Plant Research. Wiss. Verlag. Stuttgart.
Antirhinitic	
Antiseptic	Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Antistomatitic	
Antitonsillitic	
Antiulcer	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
Antiviral	Antiviral Research, 14: 323.
Astringent	Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Cytotoxic 15 ug	
Detoxicant	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
Emetic	Martindale's 29th
FLavor FEMA 1-1,000	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry
Hemostat	Merck 11th Edition
Hepatotoxic	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
Immunostimulant	McKenna, D. J., Hughes, K., and Jones, K. 2000. Green Tea Monograph. Alternative Therapies, 6(3): 61-82.
Pesticide	

TARTARIC-ACID Fruit -- -- *

Activities (6)

Acidifier	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Additive	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry
Antioxidant Synergist	Martindale's 29th
FLavor FEMA 500-10,000	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry
Irritant	Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253.
Sequestrant	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry